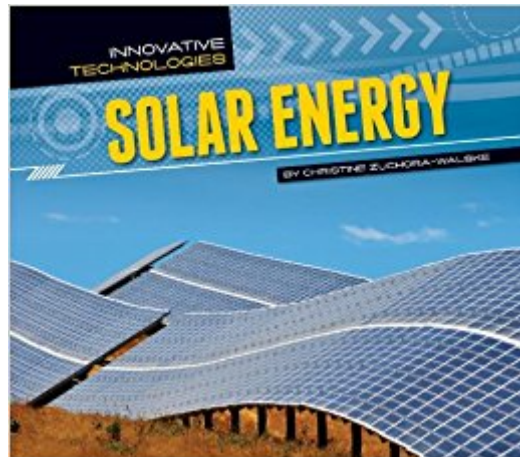




Ebook Directory
the best source of ebook

The book was found

Solar Energy (Innovative Technologies)



Synopsis

As our world's population grows, so to does our need for energy. Scientists seek the next breakthrough in new technology while constantly finding ways to make current solutions cheaper and more efficient. In this title, discover what solar energy is, its history, how we use it today, and how new technologies can contribute to our energy future. Learn about cutting-edge uses for solar cells, including tiny nano-sized cells and cells printed on paper, and exciting new ways to make and use power from the sun's heat. Sidebars, full-color photos, full-spread diagrams, well-placed graphs, charts, and maps, stories highlighting innovations in action, and a glossary enhance this engaging title. Aligned to Common Core Standards and correlated to state standards. Essential Library is an imprint of Abdo Publishing, a division of ABDO.

Book Information

Series: Innovative Technologies

Library Binding: 112 pages

Publisher: Essential Library (January 1, 2013)

Language: English

ISBN-10: 161783467X

ISBN-13: 978-1617834677

Product Dimensions: 9.7 x 0.5 x 8.4 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,650,442 in Books (See Top 100 in Books) #53 in [Books > Teens > Education & Reference > Science & Technology > Technology > How Things Work](#) #146 in [Books > Teens > Education & Reference > Science & Technology > Environmental Conservation & Protection](#) #236 in [Books > Teens > Education & Reference > Science & Technology > Ecology](#)

Customer Reviews

Gr 6-10-These titles examine the application of modern technology to problems of energy and food supply. Nuclear Energy looks at both the benefits and problems associated with the generation of power through nuclear technology from a global perspective. It includes short history of the progress of nuclear energy from the discovery of uranium in the late 19th century through the current need to move away from fossil fuels. The problems associated with radiation, waste disposal, public opinion, and the accidents at Chernobyl and Fukushima are addressed before concluding that the

importance of nuclear energy is so great that all such difficulties will need to be surmounted to ensure a cleaner and more sustainable energy source of the future. Wind Energy also addresses the potentials and problems with this source of energy. The drawbacks involving aesthetics, noise, health issues, and the slaughter of birds and bats are discussed and generally dismissed as problems that will be overcome with newer and better technologies. Innovations in solar technology give hope for a power source that has few drawbacks and many benefits. Sustainable Agriculture tackles the growing needs of developing nations and the effect on climate, depletion of forests and rain forests, and the pollution of water sources due to increased large-scale agriculture. Genetic engineering of food materials as a real and current concern is given a lengthy analysis. Local and sustainable growing methods are discussed with the hope that they might take root as a means of feeding an ever-growing world population. Some sidebar information is not completely explored and some concerns not fully reviewed, but these titles will be useful as basic source materials for research and discussion.-Eva Elisabeth VonAncken, formerly at Trinity-Pawling School, Pawling, NY
Â (c) Copyright 2013. Library Journals LLC, a wholly owned subsidiary of Media Source, Inc. No redistribution permitted.

[Download to continue reading...](#)

Solar Power: The Ultimate Guide to Solar Power Energy and Lower Bills: (Off Grid Solar Power Systems, Home Solar Power System) (Living Off Grid, Wind And Solar Power Systems) Solar Energy (Innovative Technologies) Solar Electricity Handbook: 2017 Edition: A simple, practical guide to solar energy ? designing and installing solar photovoltaic systems. Solar Electricity Handbook - 2015 Edition: A simple, practical guide to solar energy - designing and installing solar PV systems. Solar Electricity Handbook - 2013 Edition: A Simple Practical Guide to Solar Energy - Designing and Installing Photovoltaic Solar Electric Systems Solar Electricity Handbook - 2014 Edition: A Simple Practical Guide to Solar Energy - Designing and Installing Photovoltaic Solar Electric Systems Solar Electricity Handbook - 2012 Edition: A Simple Practical Guide to Solar Energy - Designing and Installing Photovoltaic Solar Electric Systems Solar Cooking: Different Types of Solar Cookers: The Pros and Cons of Different Types of Solar Cookers and What Will Work Best For You DIY: How to make solar cell panels easily with no experience!: Master Making Solar Panels Faster! (Master Solar Faster Book 1) Renewable Energy Made Easy: Free Energy from Solar, Wind, Hydropower, and Other Alternative Energy Sources Energy Harvesting: Solar, Wind, and Ocean Energy Conversion Systems (Energy, Power Electronics, and Machines) Wind Energy (Innovative Technologies) Methane Energy (Innovative Technologies) Nuclear Energy (Innovative Technologies) Coal Power Technologies Explained Simply: Energy Technologies

Explained Simply (Volume 6) Real Goods Solar Living Sourcebook: Your Complete Guide to Living beyond the Grid with Renewable Energy Technologies and Sustainable Living Solar Energy: The Physics and Engineering of Photovoltaic Conversion, Technologies and Systems Off-Grid Living: How To Build Wind Turbine, Solar Panels And Micro Hydroelectric Generator To Power Up Your House: (Wind Power, Hydropower, Solar Energy, Power Generation) Solar Energy for Beginners: The Complete Guide to Solar Power Systems, Panels & Cells Solar PV Off-Grid Power: How to Build Solar PV Energy Systems for Stand Alone LED Lighting, Cameras, Electronics, Communication, and Remote Site Home Power Systems

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)